

ABSTRACT

The present invention relates to apparatus and methods for quantitative protein design and optimization.

1. A method for quantitative protein design and optimization, comprising:
a) determining a target protein structure;
b) determining a target protein sequence;
c) determining a target protein structure and sequence;
d) determining a target protein structure and sequence and a target protein structure and sequence;
e) determining a target protein structure and sequence and a target protein structure and sequence;
f) determining a target protein structure and sequence and a target protein structure and sequence;
g) determining a target protein structure and sequence and a target protein structure and sequence;
h) determining a target protein structure and sequence and a target protein structure and sequence;
i) determining a target protein structure and sequence and a target protein structure and sequence;
j) determining a target protein structure and sequence and a target protein structure and sequence;
k) determining a target protein structure and sequence and a target protein structure and sequence;
l) determining a target protein structure and sequence and a target protein structure and sequence;
m) determining a target protein structure and sequence and a target protein structure and sequence;
n) determining a target protein structure and sequence and a target protein structure and sequence;
o) determining a target protein structure and sequence and a target protein structure and sequence;
p) determining a target protein structure and sequence and a target protein structure and sequence;
q) determining a target protein structure and sequence and a target protein structure and sequence;
r) determining a target protein structure and sequence and a target protein structure and sequence;
s) determining a target protein structure and sequence and a target protein structure and sequence;
t) determining a target protein structure and sequence and a target protein structure and sequence;
u) determining a target protein structure and sequence and a target protein structure and sequence;
v) determining a target protein structure and sequence and a target protein structure and sequence;
w) determining a target protein structure and sequence and a target protein structure and sequence;
x) determining a target protein structure and sequence and a target protein structure and sequence;
y) determining a target protein structure and sequence and a target protein structure and sequence;
z) determining a target protein structure and sequence and a target protein structure and sequence;